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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/740,400	12/18/2000	Robert Delee Bones	AUS920000798US1	5848

35525 7590 05/14/2004  
DUKE W. YEE  
CARSTENS, YEE & CAHOON, L.L.P.  
P.O. BOX 802334  
DALLAS, TX 75380

EXAMINER

HENNING, MATTHEW T

ART UNIT	PAPER NUMBER
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2131

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DATE MAILED: 05/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/740,400

Applicant(s)

BONES ET AL.

Examiner

Matthew T Henning

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 18 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-57 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-57 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

This action is in response to the communication filed on December 18, 2000.

**DETAILED ACTION**

1. Claims 1-57 have been examined.

***Title***

2. The title of the invention is acceptable.

***Priority***

3. No claim for priority has been made for this application.
4. The effective filing date for the subject matter defined in the pending claims in this application is 12/20/2000.

***Information Disclosure Statement***

The information disclosure statement (IDS) submitted on May 30, 2001 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the examiner is considering the information disclosure statement.

***Drawings***

5. The drawings filed on July 12, 2001 are acceptable for examination proceedings.

***Specification***

6. The abstract of the disclosure is objected to for the following reasons:

The phrase "is provided" of line 1 can be implied and therefore must be removed.

The title of the invention listed at the top of the abstract is not in accordance with Title 37 C.F.R. 1.72 and therefore must be removed.

Correction is required. See MPEP § 608.01(b).

7. The disclosure is objected to because of the following informalities:

Page 6 Line 17 recites "O Of course," which is grammatically incorrect.

Appropriate correction is required.

8. The applicant is advised to check for other spelling and grammatical errors throughout the specification. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

### ***Claim Rejections - 35 USC § 102***

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

*A person shall be entitled to a patent unless –*

*(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.*

10. Claims 1-14, 20-33, 39-52 rejected under 35 U.S.C. 102(b) as being anticipated by He (U.S. Patent 5,944,824) hereinafter referred to as He.
11. Claim 1 recites changing the SSO password in response to receiving a change instruction. He disclosed a programmed method and system for changing passwords in

a Single Sign-On (SSO) environment (See He Col. 13 Paragraphs 3-7). He disclosed that in response to a request to modify a user account (See He Col. 13 Lines 12-13) a new password is generated (See He Col. 13 Lines 20-22) and the old password is set to the new password (See He Col. 13 Lines 43-45).

Claim 1 further recites retrieving and modifying a target password. He disclosed retrieving the target password (See He Col. 13 Lines 22-25). He Further disclosed changing a target NE password to the specified new password (See He Col. 13 Lines 31-35).

12. Regarding claims 2-4, He disclosed providing the modified password target password to the network element, or client (See He Col. 10 Paragraphs 2-3). It is inherent that the password was first stored in order for it to have been provided in the ticket, as is specified by He (See He Col. 10 Lines 16-21).

13. Regarding claims 5, 8-9, He disclosed password generation by a random number generator or by manually entering the password (See He Col. 13 Paragraph 4). Because this task was carried out by the network security administrator (See He Col. 13 Paragraph 3), it was inherent that a menu was provided such that the password generation method could be chosen.

14. Regarding claims 6-7, He disclosed users using one password for multiple applications (See He Col. 1 Paragraph 5).

15. Regarding claim 10, He disclosed random password generation being performed in a server (See He Col. 11 Lines 40-41).

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16. Regarding claim 11, He disclosed the use of password policy in generating the random passwords (See He Col. 12 Paragraph 2). It is inherent that the password policy was determined in order for it to have been used.

17. Regarding claim 12-14, He disclosed different types of passwords. He disclosed standard user passwords (See He Col. 11 Paragraph 2), network element passwords (See He Col. 8 Paragraph 8), and Super-User passwords (See He Col. 8 Paragraph 8). It was inherent that each of these groups had some sort of password policy to be checked against (See He Col. 12 Paragraph 2).

18. Regarding claims 20-33, He disclosed a programmed method and system for changing passwords in a Single Sign-On (SSO) environment (See He Claims 1 and 5). Because He claimed a programmed method to be run in a network, it was inherent that the method comprised a computer program product in computer readable media. Claims 20-33 are therefore rejected for the same reasons as applied to claims 1-14 above.

19. Regarding claims 39-52, He disclosed a programmed method and system for changing passwords in a Single Sign-On (SSO) environment (See He Claims 1 and 5). Claims 39-52 are therefore rejected for the same reasons as applied to claims 1-14 above.

***Claim Rejections - 35 USC § 103***

20. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

*(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

21. Claims 15, 34, and 53 rejected under 35 U.S.C. 103(a) as being unpatentable over He as applied to claims 5, 24, and 43 respectively above, and further in view of Redpath (U.S. Patent 5,854,629) hereinafter referred to as Redpath.

He disclosed password generation by a random number generator or by manually entering the password (See He Col. 13 Paragraph 4). However, He failed to disclose the use of a Graphical User Interface (GUI) for implementing this selection.

Redpath teaches the GUIs were created in order to simplify interaction with computer programs for end users of computer programs, such that end users do not need to know specific commands in order to effectively use the computer program (See Redpath Col. 1 Paragraph 2).

It would have been obvious to the ordinary person skilled in the art at the time of invention to employ the teachings of Redpath in the invention of He such that the user is supplied a GUI menu in order to select a password generation method. This would have been obvious because the ordinary person skilled in the art would have been

motivated to provide a simple interface for the user to interact with the password-changing program.

22. Claims 16, 35, and 54 rejected under 35 U.S.C. 103(a) as being unpatentable over He as applied to claims 1, 20, and 39 respectively above, and further in view of Prafullchandra (U.S. Patent 5,734,718) hereinafter referred to as Prafullchandra.

He disclosed retrieving and changing target passwords (See He Col. 13 Paragraphs 3-7), but He failed to disclose a change target password policy. However, He did disclose that having different administrative policies in individual network elements can be problematic (See He Col. 1 Paragraph 5).

Prafullchandra teaches that requiring users to change passwords at predetermined intervals can enhance system security (See Prafullchandra Col. 2 Paragraph 3).

It would have been obvious to the ordinary person skilled in the art at the time of the invention to employ the password aging and changing policy of Prafullchandra to the password changing system and method of He. This would have been obvious because the ordinary person skilled in the art would have been motivated to enhance the security in the network of He.

23. Claims 17-19, 36-38, 55-57 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of He and Prafullchandra as applied to 16, 35, and 54 respectively above.

He disclosed different types of passwords. He disclosed standard user passwords (See He Col. 11 Paragraph 2), network element passwords (See He Col. 8 Paragraph 8), and Super-User passwords (See He Col. 8 Paragraph 8).



It would have been obvious to the ordinary person skilled in the art at the time of invention to employ the aging policy of Prafullchandra to all the types of passwords of He. This would have been obvious because the ordinary person skilled in the art would have been motivated to enhance the security of all the passwords, regardless of their type.

***Conclusion***

24. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Limsico (U.S. Patent 5,793,952) disclosed a secure remote password graphic interface with the ability to change passwords.
- b. Anderson et al. (U.S. Patent 6,144,959) disclosed a method for managing user accounts in a distributed network.
- c. Olkin (U.S. Patent 5,768,503) disclosed a middleware authentication and security mechanism.
- d. Dare et al. (U.S. Patent 5,684,950) disclosed a method of authentication via SSO.
- e. Cohen et al. (U.S. Patent 6,178,511) disclosed an SSO mechanism for coordinating user target logons.
- f. Birnbaum (U.S. Patent 5,797,128) disclosed a hierarchical policy for computer system administration.
- g. Fang et al. (U.S. Patent 6,243,816) disclosed a SSO key manager.

25. Any inquiry concerning this communication should be directed to Matthew Henning whose telephone number is (703) 305-0713. The examiner can normally be reached Monday-Friday from 9am to 4pm, EST.

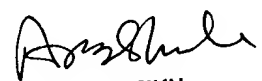
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If attempts to reach examiner by telephone are unsuccessful, the examiner's acting supervisor, Ayaz Sheikh, can be reached at (703) 305-9648. The fax phone number for this group is (703) 305-3718.

Any inquiry of general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.



Matthew Henning  
Assistant Examiner  
Art Unit 2131



AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100